

# FTSE EDHEC-Risk Efficient European Indices

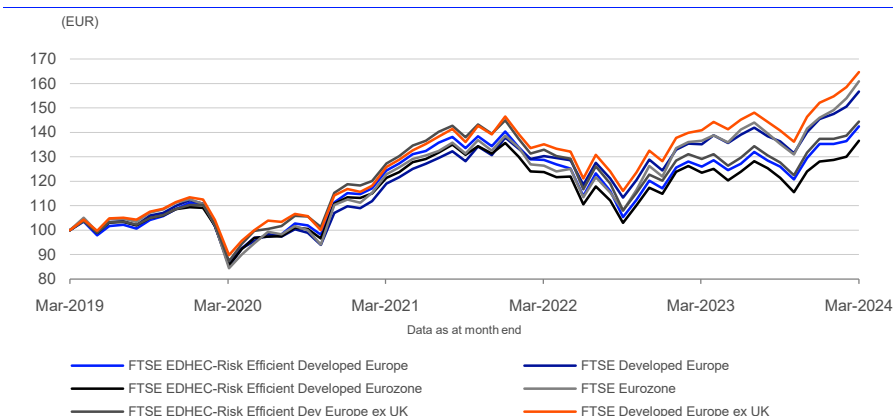
Data as at: 29 March 2024

The FTSE EDHEC-Risk Efficient Index Series, launched in association with EDHEC-Risk Institute (EDHEC-Risk), is based on all constituent securities in the FTSE All-World Index Series. Constituents' weights result from EDHEC-Risk's portfolio optimisation, which targets improvements in efficiency for a broad market index by maximising the Return/Risk Ratio.

## Key Features:

- The indices attempt to improve the risk/reward trade-off available in the broad stock market.
- The indices are highly diversified.
- The high concentration and the poor diversification of cap-weighted indices can be avoided.

## 5-Year Performance - Total Return



## Performance and Volatility - Total Return

Index (EUR)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE EDHEC-Risk Efficient Developed Europe	5.3	13.0	5.3	13.1	14.5	42.5	4.6	7.3	10.2	13.6	17.3
FTSE Developed Europe	7.7	15.0	7.7	15.9	31.7	56.7	9.6	9.4	9.6	12.3	16.0
FTSE EDHEC-Risk Efficient Developed Eurozone	6.7	12.5	6.7	10.6	12.5	36.6	4.0	6.4	10.2	13.6	16.9
FTSE Eurozone	10.1	18.9	10.1	17.8	31.0	60.9	9.4	10.0	10.6	13.9	18.4
FTSE EDHEC-Risk Efficient Dev Europe ex UK	5.1	13.1	5.1	11.8	13.4	44.4	4.3	7.6	10.5	13.7	16.9
FTSE Developed Europe ex UK	8.3	16.9	8.3	16.8	30.8	64.7	9.4	10.5	10.0	12.7	16.3

\* Compound annual returns measured over 3 and 5 years respectively

\*\* Volatility – 1YR based on 12 months daily data. 3YR based on weekly data (Wednesday to Wednesday). 5YR based on monthly data

## FEATURES

### Objective

The indices are designed for the creation of index tracking funds, derivatives and as a performance benchmark.

### Investability

A transparent and replicable portfolio construction strategy.

### Liquidity

Stocks in the underlying universe are screened to ensure that the index is tradable.

### Transparency

Index rules are freely available on the FTSE website.

### Availability

The indices are calculated based on price and total return methodologies, both real time and end of day. Net Total Return indices are also calculated.

### Industry Classification Benchmark

Index constituents are categorized in accordance with the Industry Classification Benchmark (ICB), the global standard for industry sector analysis.

Year-on-Year Performance - Total Return

Index % (EUR)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE EDHEC-Risk Efficient Developed Europe	10.7	14.6	1.5	13.9	-8.8	24.5	3.5	21.9	-16.6	15.5
FTSE Developed Europe	7.4	9.3	3.1	11.1	-10.1	26.9	-2.2	25.5	-9.7	16.9
FTSE EDHEC-Risk Efficient Developed Eurozone	7.7	15.1	4.5	18.2	-8.9	20.9	3.7	19.7	-15.3	11.4
FTSE Eurozone	4.9	10.5	5.3	13.9	-12.0	26.1	0.0	23.2	-12.1	19.8
FTSE EDHEC-Risk Efficient Dev Europe ex UK	9.3	16.3	4.7	17.6	-8.1	22.6	7.8	22.0	-17.1	14.2
FTSE Developed Europe ex UK	7.3	11.6	3.3	12.7	-10.1	27.6	3.0	25.3	-12.5	18.6

Return/Risk Ratio and Drawdown - Total Return

Index (EUR)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE EDHEC-Risk Efficient Developed Europe	1.4	0.3	0.4	0.5	-9.9	-27.3	-35.6	-35.6
FTSE Developed Europe	1.8	0.8	0.6	0.5	-8.3	-20.0	-35.4	-35.4
FTSE EDHEC-Risk Efficient Developed Eurozone	1.2	0.3	0.4	0.5	-11.2	-26.8	-34.8	-34.8
FTSE Eurozone	1.8	0.7	0.5	0.5	-10.2	-24.7	-37.9	-37.9
FTSE EDHEC-Risk Efficient Dev Europe ex UK	1.3	0.3	0.5	0.6	-10.2	-27.9	-33.7	-33.7
FTSE Developed Europe ex UK	1.8	0.7	0.6	0.6	-9.1	-22.7	-34.4	-34.4

Return/Risk Ratio – based on compound annual returns and volatility in Performance and Volatility table  
Drawdown - based on daily data

ICB Industry Breakdown

ICB Industry	FTSE EDHEC-Risk Efficient Developed Europe		FTSE Developed Europe		Diff %	FTSE EDHEC-Risk Efficient Developed Eurozone		FTSE Eurozone		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %		No. of Cons	Wgt %	No. of Cons	Wgt %	
Technology	22	4.09	22	8.34	-4.25	15	5.10	17	14.89	-9.79
Telecommunications	19	3.99	19	2.37	1.62	11	4.73	12	3.28	1.44
Health Care	49	10.17	49	15.15	-4.98	24	10.71	24	6.64	4.08
Financials	98	17.36	98	18.33	-0.97	49	18.37	53	19.06	-0.69
Real Estate	21	2.77	21	1.10	1.67	10	2.65	11	1.03	1.61
Consumer Discretionary	75	14.40	75	13.24	1.16	42	14.21	46	17.84	-3.64
Consumer Staples	40	8.58	40	9.19	-0.61	17	6.97	18	4.86	2.11
Industrials	119	22.64	119	17.83	4.81	57	20.12	64	17.77	2.35
Basic Materials	40	6.73	40	5.12	1.61	20	6.20	21	5.00	1.20
Energy	17	5.07	17	5.70	-0.63	10	6.07	12	4.38	1.69
Utilities	27	4.19	27	3.63	0.57	20	4.86	25	5.24	-0.37
Totals	527	100.00	527	100.00		275	100.00	303	100.00	

5-Year Correlation - Total Return

	FTSE EDHEC-Risk Efficient Developed Europe	FTSE Developed Europe	FTSE EDHEC-Risk Efficient Developed Eurozone	FTSE Eurozone	FTSE EDHEC-Risk Efficient Dev Europe ex UK	FTSE Developed Europe ex UK
FTSE EDHEC-Risk Efficient Developed Europe	1.000	0.988	0.940	0.977	0.996	0.985
FTSE Developed Europe		1.000	0.934	0.991	0.985	0.996
FTSE EDHEC-Risk Efficient Developed Eurozone			1.000	0.935	0.934	0.928
FTSE Eurozone				1.000	0.975	0.992
FTSE EDHEC-Risk Efficient Dev Europe ex UK					1.000	0.987
FTSE Developed Europe ex UK						1.000

INFORMATION

Index Universe

FTSE All World Index Series

Index Launch

18 January 2010

Base Date

20 December 2002

Base Value

100

Investability Screen

Actual free float applied and liquidity screened

Index Calculation

Real-time and end-of-day indices available

End-of-Day Distribution

Via FTP and email

Currency

USD, GBP, JPY, EUR

Review Dates

Quarterly in March, June, September, December

Country Breakdown

	FTSE EDHEC-Risk Efficient Developed Europe		FTSE Developed Europe		
Country	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Austria	7	1.88	7	0.32	1.56
Belgium	15	2.37	15	1.50	0.87
Denmark	17	4.62	17	5.21	-0.59
Finland	14	2.55	14	1.48	1.07
France	69	11.99	69	17.74	-5.75
Germany	70	13.45	70	13.21	0.24
Ireland	5	2.06	5	0.43	1.63
Italy	35	5.99	35	4.55	1.43
Netherlands	31	5.66	31	7.63	-1.97
Norway	18	3.21	18	1.00	2.21
Poland	10	1.88	10	0.52	1.36
Portugal	4	0.83	4	0.25	0.58
Spain	25	4.61	25	4.21	0.40
Sweden	52	8.04	52	4.95	3.09
Switzerland	52	7.82	52	13.98	-6.16
UK	103	23.04	103	23.01	0.03
Totals	527	100.00	527	100.00	

Index Characteristics

Attributes	FTSE EDHEC-Risk Efficient Developed Europe	FTSE Developed Europe	FTSE EDHEC-Risk Efficient Developed Eurozone	FTSE Eurozone
Number of constituents	527	527	275	303
Net MCap (EURm)	10,466,294	10,459,823	5,378,946	5,410,612
Dividend Yield %	3.14	2.99	3.11	2.81
Constituent Sizes (Net MCap EURm)				
Average	19,860	19,848	19,560	17,857
Largest	115,381	365,295	78,085	351,628
Smallest	1,621	152	2,484	157
Median	15,267	7,248	14,586	6,655
Weight of Largest Constituent (%)	1.10	3.49	1.45	6.50
Top 10 Holdings (% Index MCap)	7.30	21.56	11.37	28.44

About EDHEC-Risk Institute

Since 2001 EDHEC-Risk has been pursuing a policy, known as “Research for Business”, which aims to make EDHEC-Risk an academic institution of reference for the industry in terms of expertise and research results.

To ensure that its activities meet the highest academic standards and to benefit the industry, EDHEC-Risk subjects its activities to a strict validation process. The scientific quality and operational relevance of the research programmes are underpinned by a dual management structure by leading experts serving on its international advisory board.

EDHEC-Risk plays a noted role in furthering applied financial research, highlighting its practical uses. As part of its “Research for Business” philosophy, EDHEC-Risk maintains a dialogue with professionals, which benefits the industry as a whole.

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